

Title (en)
COMBINATION OF ENCAPSULATED PHENOTHRIN AND EMULSIFIED PRALLETHRIN

Title (de)
KOMBINATION VON VERKAPSELTEM PHENOTHRIN UND EMULGIERTEM PRALLETHRIN

Title (fr)
COMBINAISON DE PHÉNOTHRINE ENCAPSULÉE ET DE PRALLÉTHRINE ÉMULSIFIÉE

Publication
EP 4057819 A1 20220921 (DE)

Application
EP 20810880 A 20201113

Priority
• AT 509722019 A 20191113
• EP 2020082164 W 20201113

Abstract (en)
[origin: WO2021094598A1] The invention relates to encapsulated, in particular micro-encapsulated phenothrin and emulsified prallethrin in water, preferably in a ratio of 10:1. This combination has excellent suitability for use as an insecticide. The suitable concentration is about 0.1 % by mass of phenothrin and 0.01 % by mass of prallethrin. The insecticide is used at a concentration of 20 ml/m² to 60 ml/m² on non-porous surfaces or in a concentration of 40 ml/m² to 120 ml/m² on porous surfaces. Despite the low amounts of active ingredients, the insecticide shows a rapid knock-down effect and prolonged depot effect.

IPC 8 full level
A01N 53/00 (2006.01); **A01N 25/04** (2006.01); **A01N 25/28** (2006.01); **A01P 7/04** (2006.01)

CPC (source: EP KR US)
A01N 25/04 (2013.01 - US); **A01N 25/28** (2013.01 - US); **A01N 53/00** (2013.01 - EP KR US); **Y02A 50/30** (2018.01 - EP)

C-Set (source: EP)
1. **A01N 53/00 + A01N 25/04 + A01N 25/28 + A01N 53/00**
2. **A01N 53/00 + A01N 25/28**
3. **A01N 53/00 + A01N 25/04**
4. **A01N 53/00 + A01N 53/00**

Cited by
CN114727605A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2021094598 A1 20210520; BR 112022009109 A2 20220726; CN 114727605 A 20220708; CN 114727605 B 20230818; EP 4057819 A1 20220921; KR 20220100636 A 20220715; US 2022386616 A1 20221208; ZA 202205222 B 20230125

DOCDB simple family (application)
EP 2020082164 W 20201113; BR 112022009109 A 20201113; CN 202080078538 A 20201113; EP 20810880 A 20201113; KR 20227019660 A 20201113; US 202017755944 A 20201113; ZA 202205222 A 20220511